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Primary Examiner—Jack L. Berman
Attorney, Agent, or Firm—Ward & Olivo

[57] SA ABSTRACT

A method and apparatus to direct ions away from their otherwise intended or parallel course. Deflectors are used to establish electric fields in regions through which ions are to pass. With such electric fields, ions may be deflected to a desired trajectory. According to the present invention, a multideflector, in the form of a series of bipolar plates spaced evenly across the ion beam path, is used as an ion deflector. *SP*

22 Claims, 14 Drawing Sheets

